IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No.	:	PCT/EP2004/007775
International Filing Date	:	July 14, 2004
Priority Date(s) Claimed	:	August 11, 2003
Applicant(s) (DO/EO/US)	:	Katrin KOEHLER et al.

Title: IMMOBILIZABLE RUTHENIUM CATALYSTS HAVING NHETEROCYCLIC CARBENE LIGANDS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

\boxtimes	Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this disclosure statement is filed:			
		within three months of the filing date of a national application other than a CPA under § 1.53(d);		
	\boxtimes	within three months of the actual filing date of the national phase of a PCT application; OR		
		before the mailing of a first substantive office action (including after filing of an RCE).		
		37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods ted in 37 C.F.R. § 1.97(b), but before the mailing date of:		
		a final rejection under 37 C.F.R. 1.113; termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR a notice of allowance under 37 C.F.R. § 1.311; and		

		is acco	mpanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
		a final	action under 37 C.F.R. § 1.113;
		termin	ation of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
		OR a r	notice of allowance under 37 C.F.R. § 1.311;
	AND	is filed o	on or before payment of the issue fee; AND is accompanied by:
			tement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of 00 under 37 C.F.R. § 1.17(p).
Staten	nents U	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
<u>Cited</u>	Materia	ı <u>ls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
	\boxtimes	-	s of materials listed but not attached were cited in an international search dated October 27, 2004.
		Not re	equired by 37 CFR § 1.98.
		Copie	s of the materials listed are attached (except for the foregoing).

<u>Non-English</u>	Language	References

	\boxtimes	An English-language search report or equivalent paper from a foreign pat office is provided indicating the relevance of the cited reference(s).		
		A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:		
		 X = document of particular relevance when it is taken alone Y = document of particular relevance when it is combined with another such document A = document defining the general state of the art O = non-written disclosure P = intercalated document T = document cited to understand the theory or principle underlying the invention E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date D = cited in the application L = cited for another reason & = publication of member of same patent family Translation of other relevant information on foreign search report In the search report, "Seite" means page, "Seiten" means pages, "Verbindungen der Formel" means Figure of formula, "Beispele" means examples, and "das ganze Dokument" means the entire document, "Spalte" means column, "Zeile" means line, "Abbildungen" means claims, "Anspruch" means example, "Zusammenfassung" means summary, and "Tabelle" means table, and "Tabellen" means tables "in der Anmeldung erwaehnt" means cited 		
		in the application, "Schema" means scheme, "und" means and, "Absatz" means break, "Abildung" means figure.		
Other	Informa	ation_		
Payme	ent of F	ees Due (If Any):		
	A chee	ck for \$ covering the fee identified above is attached.		
	Please	charge to Deposit Account No. 13-3402 \$ for the fee identified above.		

The Commissioner is hereby authorized to charge or credit any overpayment to Deposit . 🛛 Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Anthony J. Zelano, Reg. No. 27,969 Attorney for Applicants

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Attorney Docket No.: MERCK-3128

Date: March 2, 2006

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Substitute for form 1449A/PTO				Complete if Known		
EOE	ATATION!	DIO	OL OCUPE	Application Number	Unassigned	
			CLOSURE	Filing Date	March 2, 2006	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Katrin KOEHLER et al.	
				Group Art Unit	Unassigned	
(u	ise as many she	ets as	necessary)	Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	MERCK-3128	

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
	1	CETINKAYA, BEKIR ET AL: Synthesis and immobilization of n-heterocyclic carbine complexes of Ru(II): catalytic activity and recyclability for the furan formation" JURNAL OF MOLECULAR CATALYSIS A: CHEMICAL, 184(1-2), 31-38 CODEN: JMCCF2; ISSN: 1381-1169, 2002, XP002300268			
	2	BLECHERT ET AL: "Synthese und Anwendung eines permanent immobilisierten Olefinmetathese-Katalysators" ANGEW. CHEM., vol. 112, 2000, pages 4062-4065, XP002300269.			
	3	BUCHMEISER ET AL: "Synthesis of a Silica-based heterogeneous second generation Grubbs catalyst" ADV. SYNTHE. CATAL., Bd. 344, 2002, Sieten 712-719, XP002300270 in der Anmeldung erwaehnt.			
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ĺ	Examiner	Date	
ı	Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.